BOSS
a sound innovator

Dr. Rhythm
DR-220A/ DR-220E

ELECTRONIC MUSICAL INSTRUMENTS

Dr. Rhythm Goes Digital!

DR-220A
Dr. Rhythm
(ACOUSTIC VERSION)

DR-220E
Dr. Rhythm
(ELECTRONIC VERSION)

BOSS has applied advanced digital technology to its highly popular line of Dr. Rhythm series of rhythm machines. The new DR-220 Dr. Rhythm offers the same ease of operation that has made other Dr. Rhythm models so popular plus extremely realistic digital sound sources.

- The DR-220 features 11 different digital sound sources. The 12-bit D/A converter makes the sound quality of the DR-220 comparable to higher priced digital drum machines.

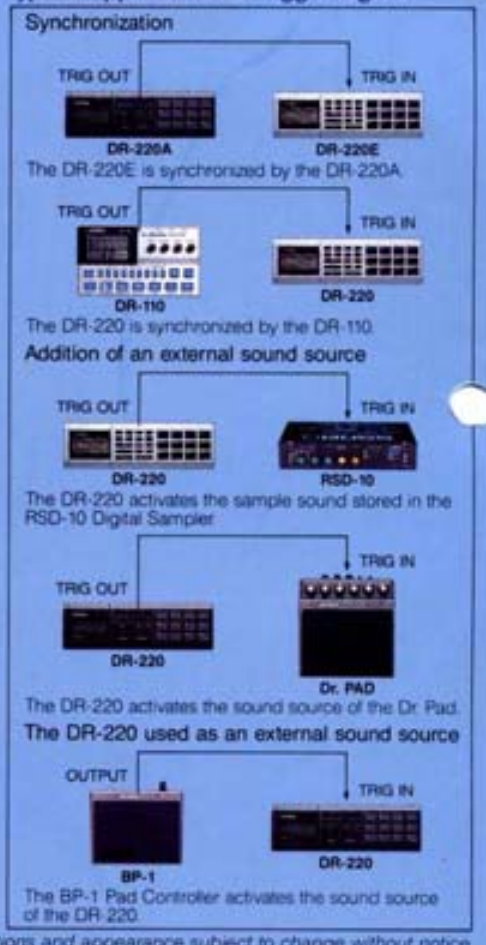
DR-220A Sound Sources	DR-220E Sound Sources
Bass Drum, Snare Drum, Rim Shot/Hand Clap, Low Tom/Mid Tom/High Tom, Closed High-Hat/Open High-Hat, Crash Cymbal/Ride Cymbal	Electronic Bass Drum, Electronic Snare Drum, Electronic Low Tom/Electronic Mid Tom/Electronic High Tom, Cowbell/Slap, Closed High-Hat/Open High-Hat, China Cymbal/Cup

- The DR-220 offers 32 different preset rhythm patterns. The basic patterns, which include 4-beat, 8-beat, 16-beat, and fill-in patterns, are stored in the internal memory. The DR-220 makes it easy to program complete rhythm parts even for people who have never used a rhythm machine before.
- The DR-220 can also store 32 programmable rhythm patterns. Patterns can be created either by step writing or tap (real-time) writing and these two writing methods can be interchanged in writing a rhythm pattern.
- A Forward/Backward function is provided to facilitate step writing. You can select the step you wish to write by using just two buttons. It is easy to copy rhythm patterns and to create pattern variations.
- The DR-220 can store up to eight songs (each with up to 128 measures) which are written by combining the 64 rhythm patterns. Longer songs (up to 256 measures) can be programmed by borrowing memory from the next consecutive track. Any song can be played back repeatedly.
- All of the digital sound sources can be played by tapping the sound source buttons. This is possible even as a song is being played.
- The volume of each sound source and the total accent level can be individually set at one of six different levels. Overall volume can be adjusted using a master volume control.
- An LCD (Liquid Crystal Display) is provided for ease of operation.
- Both Trigger In and Trigger Out jacks are provided to offer a variety of applications using trigger signals. (See the illustrations below.) To trigger the signal, the DR-220A uses the Rim Shot and the DR-220E uses the Cowbell.
- The DR-220 operates on either battery power or with a BOSS PSA-series AC adaptor.

SPECIFICATIONS

•Memory: 32 Preset Rhythm Patterns, 32 Programmable Rhythm Patterns, 8 Songs (each 128 measures long) •Pattern Writing Methods: Step Write, Tap Write •Tempo: 40 to 250 beats per minute •Jacks: Output (1/4" Phone jack), Headphones (Mini Phone jack), Trigger Out (Mini Phone jack: DR-220A—Rim Shot, DR-220E—Cowbell), Trigger In (Mini Phone jack), 9V DC In •Power Source: Batteries (UM-3 × 4), AC Adaptor (PSA series) •Dimensions: 239(W) × 75(D) × 31(H) mm (9-7/16" × 2-15/16" × 1-1/4") •Weight (with batteries): 350 g (12 oz.) •Accessories: UM-3 Battery × 4, Original Case

Typical Applications of Trigger Signals



**Specifications and appearance subject to change without notice.*

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